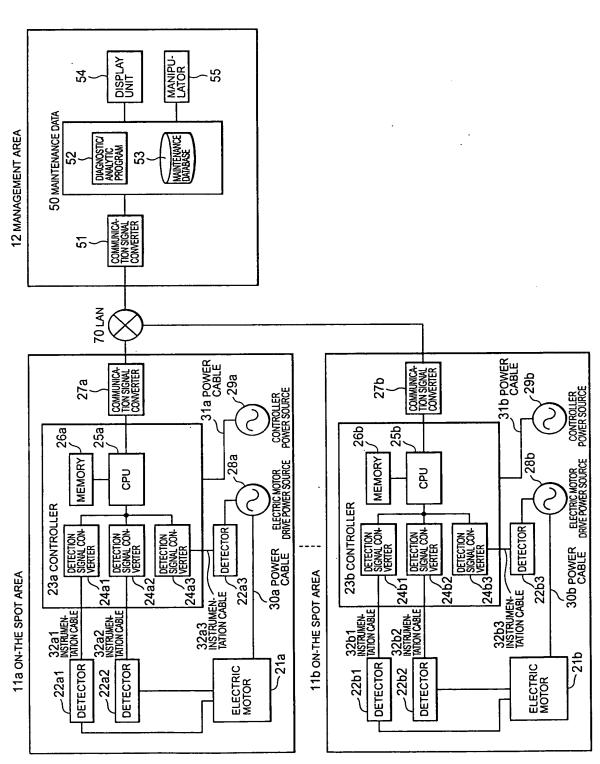
€=±

FIG. ,



Title: STATE-OF-DEVICE REMOTE MONITOR SYSTEM Inventors: Takayuki HATTORI, et al. Atty Docket No.: 401573
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FIG. 2

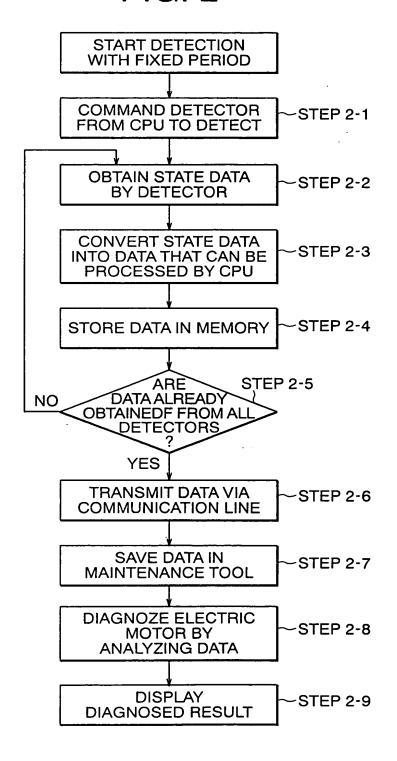
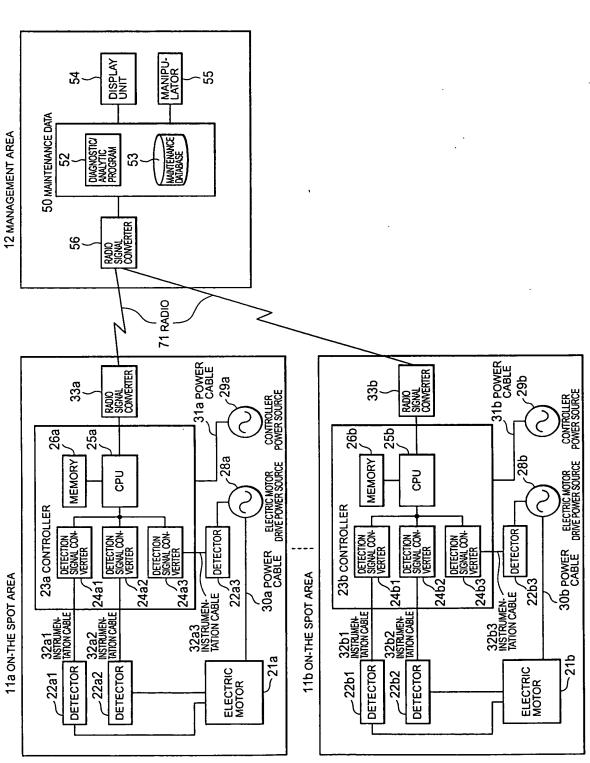
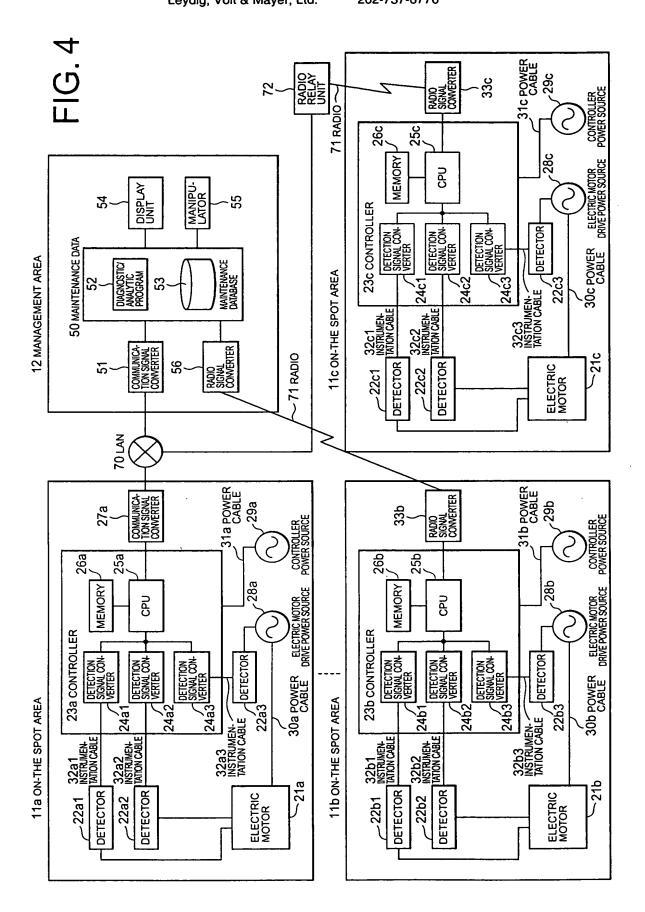


FIG. 3





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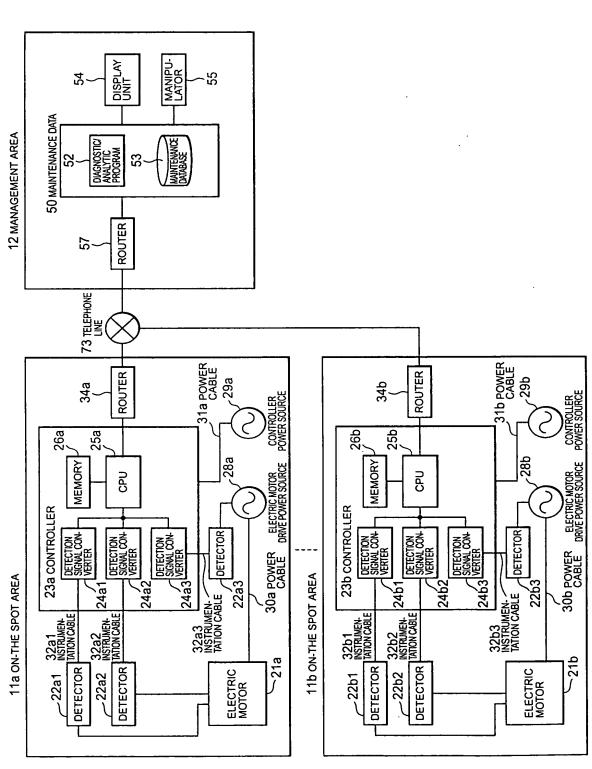
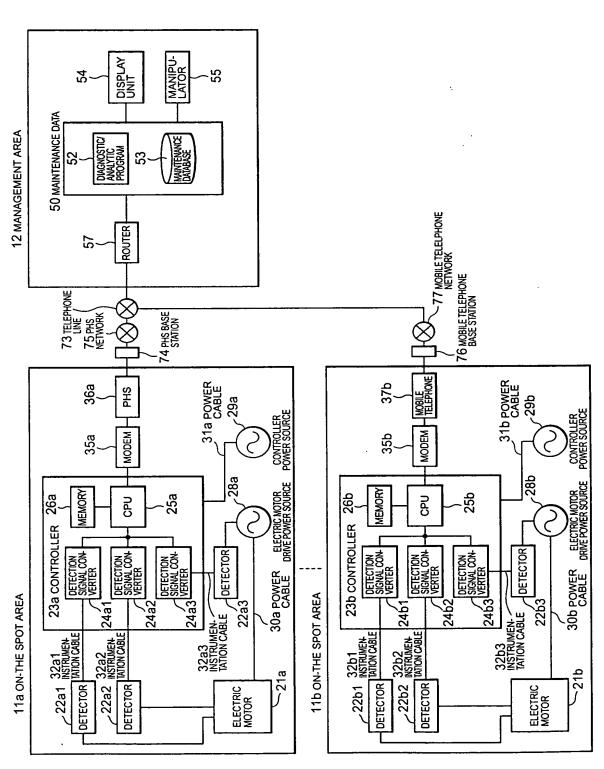


FIG. 6



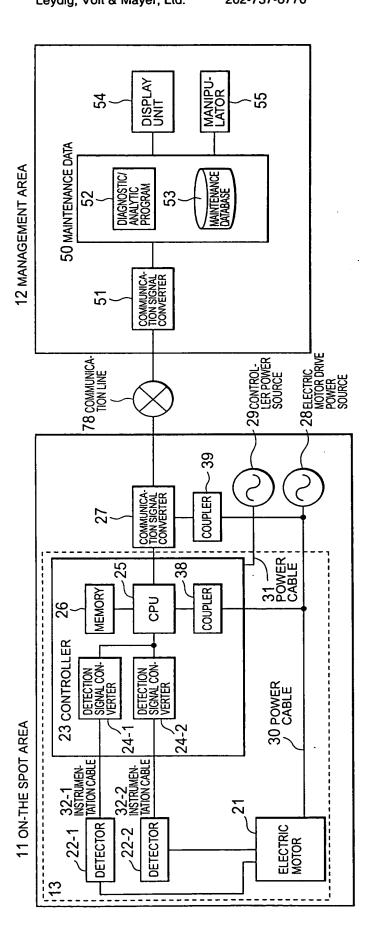


FIG. 7

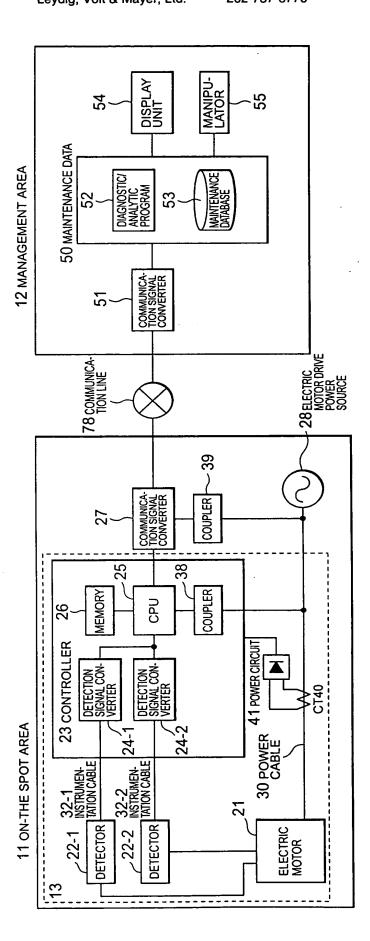
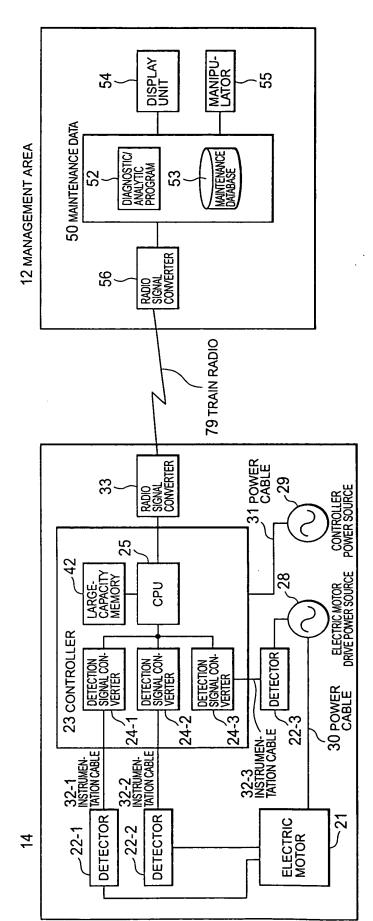


FIG. 8

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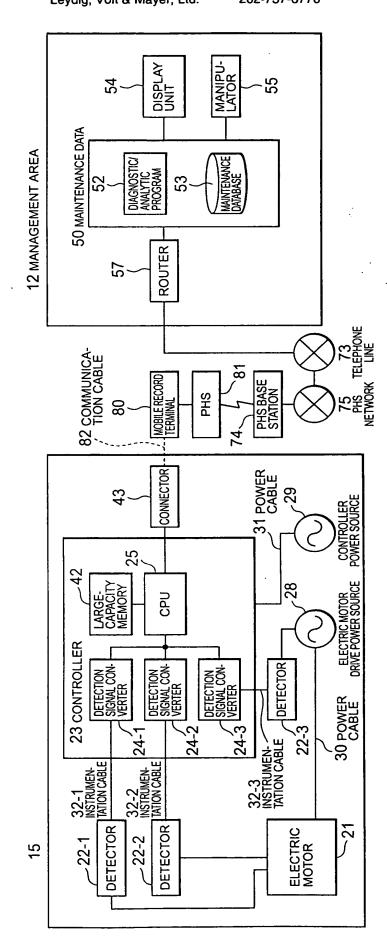
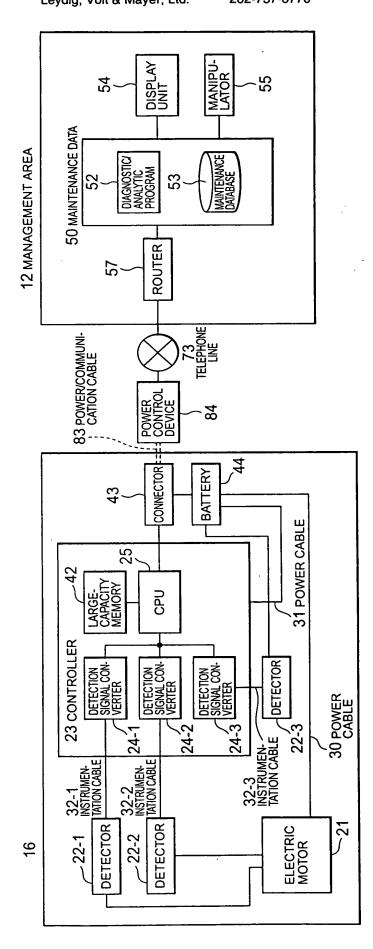


FIG 10



17 71

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DISPLAY 55 50 MAINTENANCE DATA 12 MANAGEMENT AREA 5 CPU 23 CONTROLLER DETECTOR 30 POWER CABLE 11 ON-THE SPOT AREA 721 ELECTRIC MOTOR DETECTOR DETECTOR

FIG 12

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FIG. 13

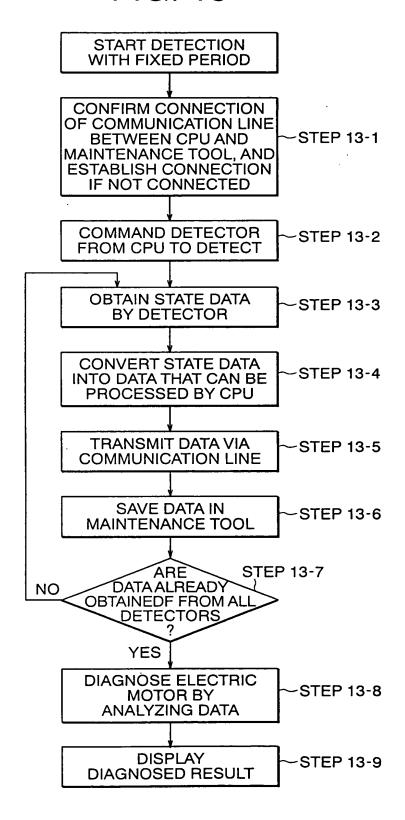


FIG. 14

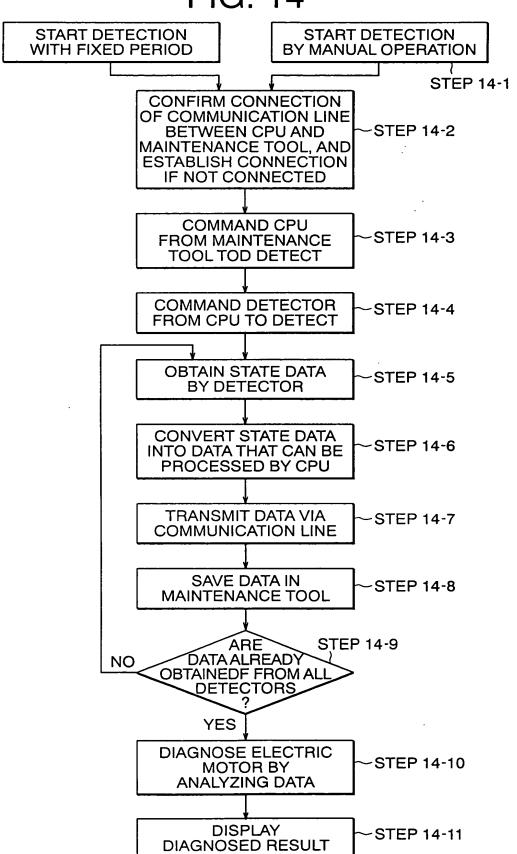
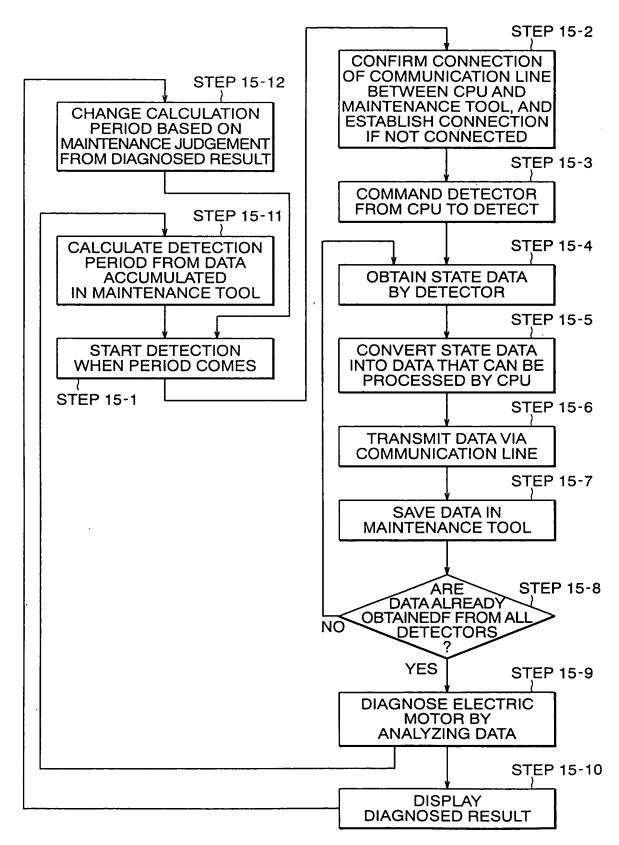
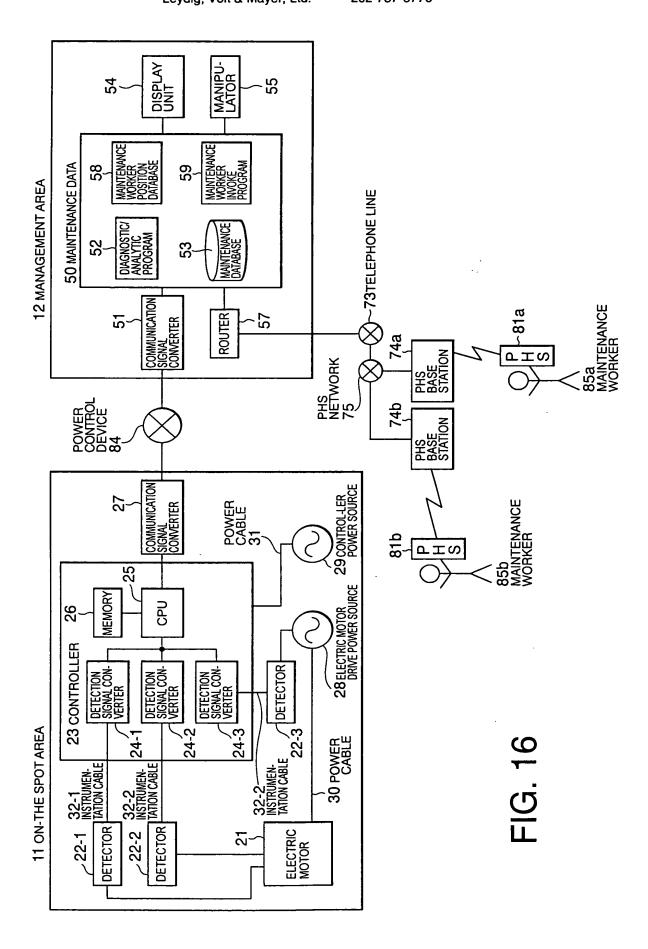


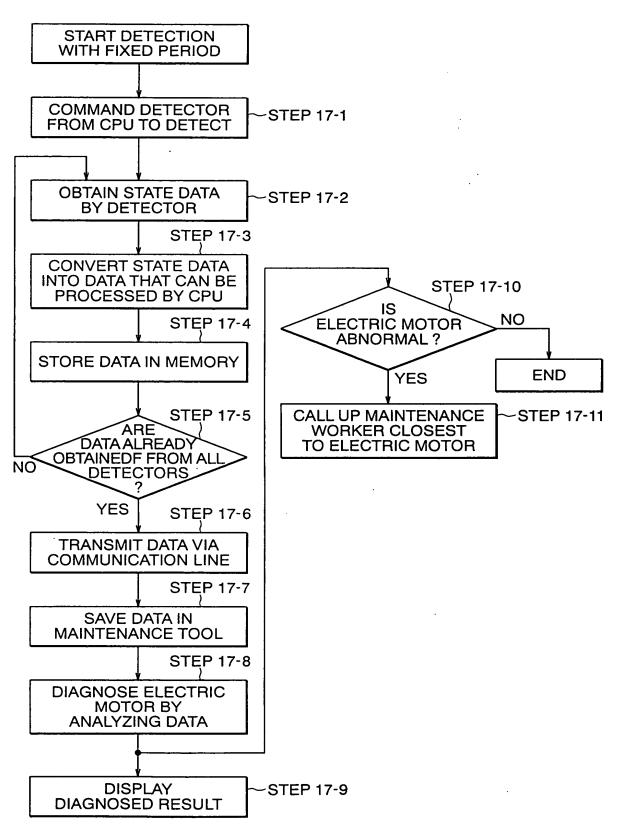
FIG. 15





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FIG. 17



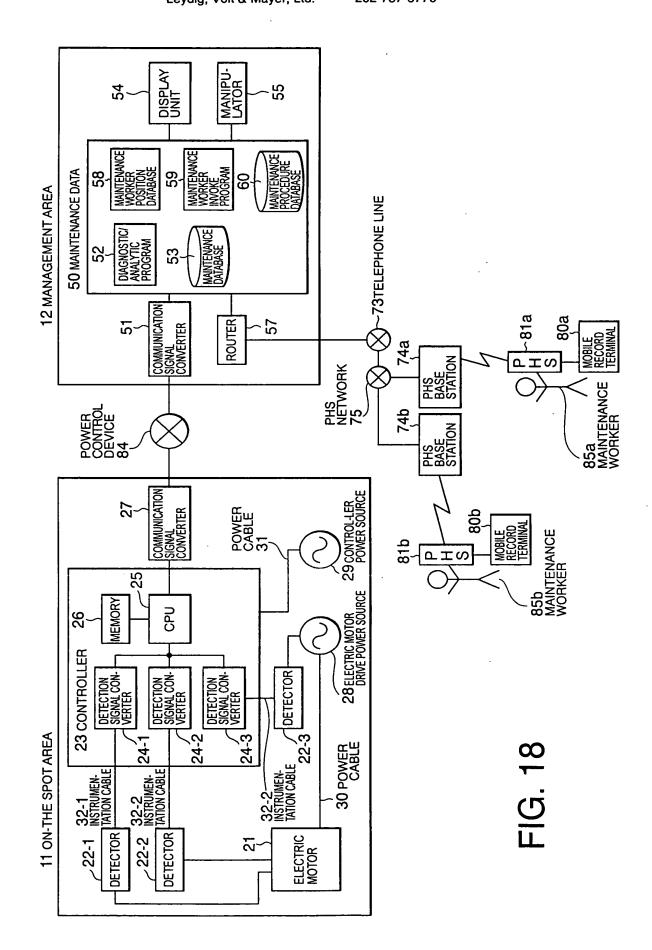
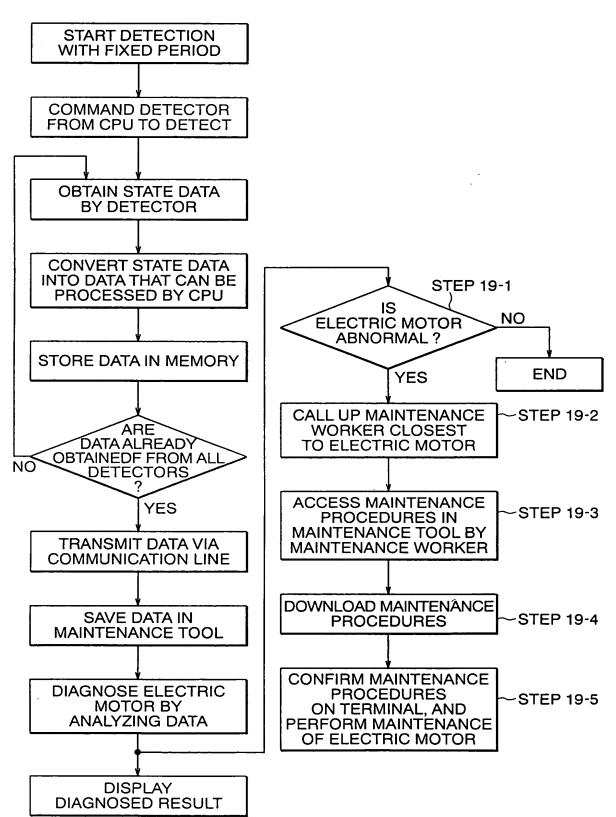
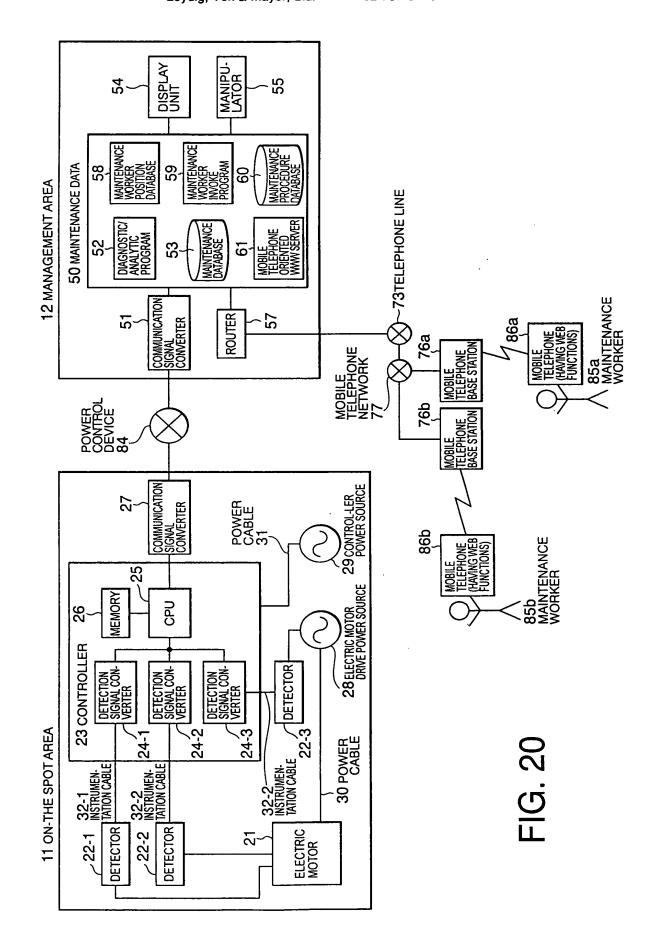


FIG. 19





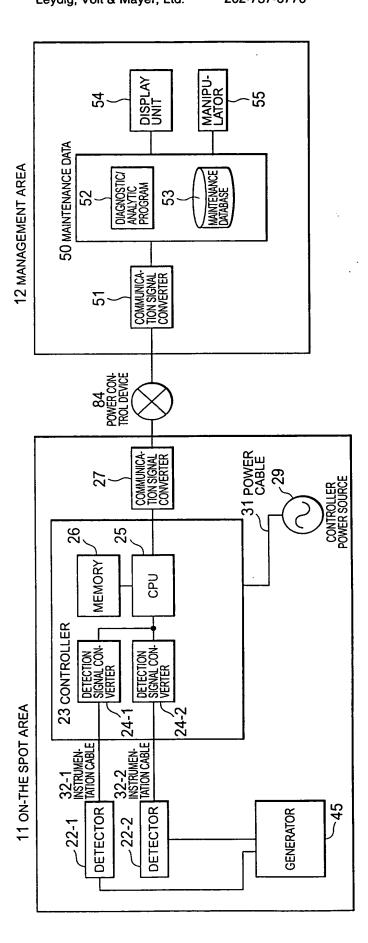
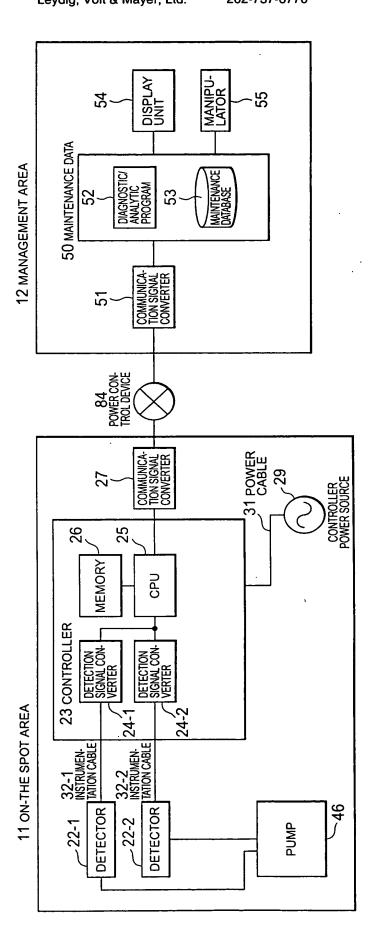


FIG. 21

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Title: STATE-OF-DEVICE REMOTE MONITOR SYSTEM Inventors: Takayuki HATTORI, et al. Atty Docket No.: 401573 Leydig, Voit & Mayer, Ltd. 202-737-6770

MANIPU-LATOR DISPLAY UNIT 55 54 50 MAINTENANCE DATA 12 MANAGEMENT AREA DIAGNOSTIC/ ANALYTIC PROGRAM 52 18 MAINTENANCE COMPANY COMMUNICATION SIGNAL CONVERTER 5 17 USER COMMUNICATION SIGNAL CONVERTER 27 POWER CABLE 31 MAINTENANCE TERMIANL 25 MEMORY CPU 23 CONTROLLER DETECTION SIGNAL CON-VERTER DETECTOR DETECTION SIGNAL CON-VERTER 11 ON-THE SPOT AREA 30 POWER CABLE 32-2-INSTRUMEN-INSTRUMEN-TATION CABLE 32-2 Instrumen-Itation cable

ELECTRIC MOTOR

2

DETECTOR

22-1

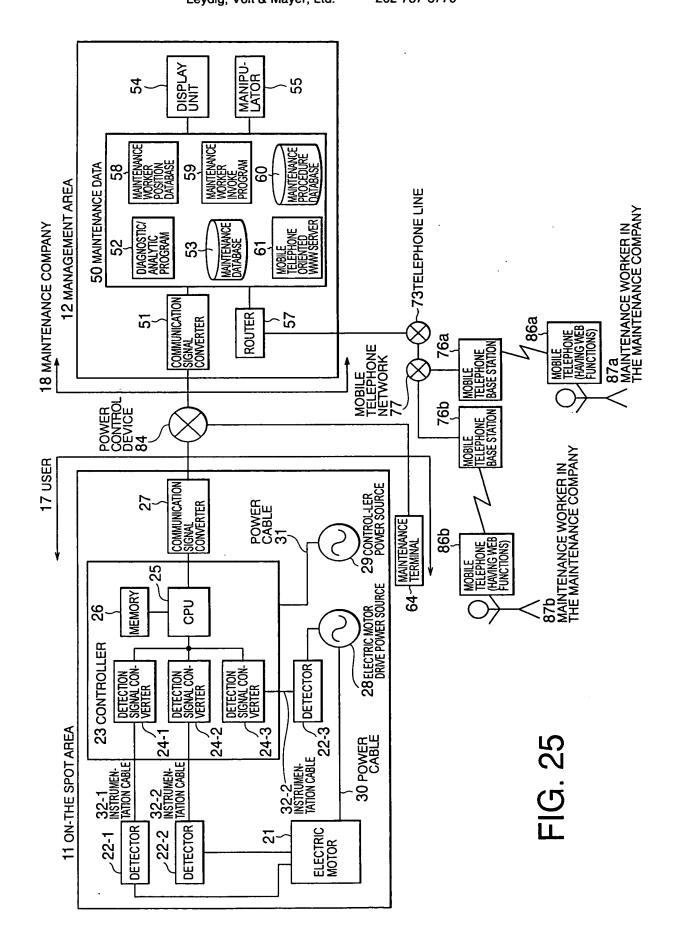
22-2

FIG. 23

Title: STATE-OF-DEVICE REMOTE MONITOR SYSTEM Inventors: Takayuki HATTORI, et al. Atty Docket No.: 401573
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DISPLAY UNIT MANIPU-LATOR 54 55 DEVICE DATABASE **50 MAINTENANCE DATA** 62 12 MANAGEMENT AREA 18 MAINTENANCE COMPANY COMMUNICATION 51 POWER CONTROL DEVICE 84 17 USER COMMUNICATION SIGNAL CONVERTER 29 CONTROLLER POWER SOURCE 27 POWER CABLE 31 MAINTENANCE TERMIANL 25 28 ELECTRIC MOTOR DRIVE POWER SOURCE MEMORY SPU 26 23 CONTROLLER DETECTION SIGNAL CON-VERTER DETECTOR 22,3 11 ON-THE SPOT AREA 30 POWER CABLE 32-2-INSTRUMEN-TATION CABLE 32-1 INSTRUMEN-TTATION CABLE ELECTRIC MOTOR DETECTOR DETECTOR 7

FIG. 24



DISPLAY MANIPU-LATOR 54 COMPONENT DATABASE 50 MAINTENANCE DATA 12 MANAGEMENT AREA 18 MAINTENANCE COMPANY COMMUNICATION 51 POWER CONTROL DEVICE 84 17 USER COMMUNICATION SIGNAL CONVERTER 29 CONTROLLER POWER SOURCE 27 POWER CABLE 31 MAINTENANCE TERMIANL 25 28 ELECTRIC MOTOR DRIVE POWER SOURCE MEMORY S 23 CONTROLLER DETECTION SIGNAL CON-VERTER DETECTOR 11 ON-THE SPOT AREA 30 POWER CABLE 32-2-INSTRUMEN-TATION CABLE 32-1 INSTRUMEN-TATION CABLE DETECTOR ELECTRIC MOTOR DETECTOR ,22-2 7

FIG. 26

Title: STATE-OF-DEVICE REMOTE MONITOR SYSTEM Inventors: Takayuki HATTORI, et al.
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Leydig, Voit & Mayer, Ltd. 202-737-6770

MANIPULATOR 55 DISPLAY UNIT 50 MAINTENANCE DATA 12 MANAGEMENT AREA DIAGNOSTIC/ ANALYTIC PROGRAM 101 11 ON-THE SPOT AREA 22 2 DETECTOR ELECTRIC MOTOR